We reprint from the Granite State Free from an article contributed to that paper by the Rev. C. A. Downs, formerly State Mineralogist and Chemist for New Hampshire. The extracts are full of sound. wholesome truth, and the deductions applicable to any thickly settled village :

is water. The blood in its course visits yond these simple statements no arguments are needed to show the necessity of supplying to the system pure water Water is not only a necessity to the con-tinuance of life, but its purity is essential to health and the highest efficiency. Contaminated water may produce directly well-marked disease; in other cases it may only lower the vital tone. There is no sickness, perhaps, neither is there any vigor and energy—but in their stead weakness, depression, both physical and mental. The impurities of the water are acting as a slow, secret poison to the fountains of strength and vigor.

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The popular belief is that water is purified by passing through the soil, the earth acting as a filter to detain impurities. This is true to a certain extent. Foul water poured upon the surface of the earth will have parted with most of the grosser contamination by the time it has reached a depth of ten or fifteen feet. The soil, acting as a strainer, will detain, mechanically, the large particles of filth, but will still permit those in a finely divided state to pass on. A liquid may look perfectly clear to the eye, not the smallest particle can be seen, and yet it may contain, in solution, a large amount of foreign matter. The clearness of water is not a sure proof of its purity.

While the soil has power to purify foul water to a large extent, yet after a time it loses that power. At first it detains the impurities mechanically, but these impurities increase as the filthy water continues to enter the soil till it becomes saturated with them, and will no longer retain them. Moreover, this filth, so deposited, begins to decompose, and water passing through these saturated strata, instead of being purified, acquires an additional foulness beyond that with which it entered the soil, so that the agent relied upon for protection becomes the source of danger.

has generally escaped notice and consideration. The foul water from many sources poured upon the soil deposits its filth; this decomposes and sets free noxious gases which traverse the pores of the soil in every direction. These gases mingle with the purer water of the soil and become a source of contamination.

Who has not heard this: "This well when I first dug it furnished water as soft as rain-water, but of late years it has become hard and is no longer fit to wash with"? Why should not this be the natural history of the well? The water was soft to begin with, but the soil has been receiving for years the wash from sink; privies, and stables; what wonder if the salts which this befouled waste carried have finally found their way to the well and changed the soft water to hard? The growing hardness of the water is, in fact, a danger signal, declaring growing contamination. The hardness which prevents the use of the water for washing, should much more warn against its use

For a time the soil will be kind and detain the filth poured into it and the water will retain its purity. But the time will be inadequate to the task imposed upon can detain tons of filth from mingling points and places as may be from time it. It can do much in this direction. It thousands poured in yearly increasing ship Committee and the Water Comwearied, and become itself a source of ply derived from wells must be contami-

There are two or three matters which ought to receive some notice. One of sent its accounts for the compensation them is this-the fallacy of any general aforesaid on or before the first day of rule as to the distances at which wells January and July of each year, and the may be located from sources of contam- same shall be paid on or before the first ination and be safe Every now and then day of February and August following. rules are given that wells can be safe if All hydrants which have not been comlocated from forty to fifty feet from pleted and ready for use, and the water as if the plaintiff had a clear case. He drains, privies, or stables. I found one let on during the entire year, shall be well which showed most palpable signs paid for ratably for the time they have of contamination which was more than been ready for use as aforesaid. The double this distance from the manifest time of computing compensation for each source of filth. Contamination, under certain circumstances, may spread hundreds of feet through the soil. No safe rule as to such distances can be given. The only sure way is to examine the manifest hydrant shall commence as soon as water can be delivered from it; and if the Water Company shall fail to supply any hydrant with water of the force and quantity herein agreed (except in case of model of the company shall fail to supply any hydrant with water of the force and quantity herein agreed (except in case of model). water in the well directly. We cannot accident, or for necessary repairs not exsee through the soil and discern what ceeding thirty days in any one year), in hidden and devious channels the water that case no compensation shall be al-

be as deep as possible—they should be tight from top to bottom, only allowing the water to come in at the bottom. The advantage of this form of well is that the soil is made to filtrate the water to the hydrant shall be interrupted or impeded surface water" is excluded.

pure water for drinking and domestic from such hydrant. rection. All liquids from houses should engines, and hose companies of said Townfind their way into water-tight conduits ship, for the purpose of the extinguishand be carried away, and not be allowed ment of fires and for reasonable practice to come in contact with the soil. All privy vaults and all receptacles for manure should be tight at bottoms and sides, so as to prevent any possibility of their contents finding their way into the soil.

This course way, and not be anowed and to live and cleaning apparatus, and to officers authorized by the Township Committee for examination.

Sec. VIII. The Township Committee and their servants shall at all times exer-This course would do much to prevent cise due caution and care in opening, contamination of wells, but only for the somewhat distant future. The soil is the use of water; and any damage done Dr. McCosh, the President of Princeton already saturated with filth, and much to the hydrants during the use thereof time must elapse before it is exhausted. by the Tewnship Committee, their ser-

is to take water from outside of the village from the purest sources accessible.
Springs located outside of cultivated lands afford the best water for domestic purposes, and should have the preference.

SEC. IX. It is further agreed that water for the sprinkling of streets as hereinafter specified, and for the use of the Township Committee rooms, tax office, fire engines, hose companies for the day."—New York Star.

SUITABLE FOR PRESENTS.

SUITABLE FOR PRESENTS.

SUITABLE FOR PRESENTS.

NEXT TO THE POST-OFFICE growing red in the face, "you are excused for the day."—New York Star.

NEXT TO THE POST-OFFICE

The Law and the Water Contract.

The following is the full text of the law under which the Township Committee has the authority to make a contract with the Orange Water Company for the Press, Lebanon, N. H., a few extracts laying of mains and hydrants. We also publish the form of the contract made by the Water Company with the Township of East Orange, which is to be the basis of the contract with Bloomfield.

THE LAW

"About eighty per cent, of human blood An act to authorize municipal corporations to contract for a supply of water

> ires, and for such other public uses and manner. convenient; which contract and agreement, when so made, shall be the valid and lawful contract of such municipal corporation, as well as of the said aqueduct board or water company, according to the tenor thereof; and the sum or sums of money in such contract, agreed to be paid in each year by any such municipal corporation, shall be levied and nicipal corporation, shall be levied and assessed as a tax upon the real and persone services. It is further agreed that said Company will furnish the inhabitants of said township, on the line of streets in which pipes are laid, with water for private use, at rates not exceeding those charged by the city of Newark, New Jerste use, at rates not exceeding those sums of money in such contract, agreed to the court that Thomas Broderick, the mortgager in the bill of complaint in this cause mentoned is dead, and that Hannah Cusick as the Company may adopt from time to time, which will be on the same general basis as those of the city of Newark: the sonal estate within such municipal corporation, and liable to taxation for other paid, in each case, by the person using Howell, of counsel with the Complainant, ordered, municipal purposes, and the said real est the water. tate and personal property is hereby made liable to the assessment and collection of such tax; provided, however, and it is hereby expressly enacted, that no such agreement and contract shall be made for a period longer than ten years in any one term, and that the amount of payment in such contract agreed to be made in any year by any municipal corporain any year by any municipal corpora-tion, shall not exceed a sum equal to one derstood and agreed that said Company decree be made against them as the court shall think equitable and just.
>
> And it is further ordered that this order shall

WATER CONTRACT.

habitants of the Township of East Orange, in the County of Essex," and "The Orange Water Company," a corporation for a supply of water for public uses," organized under an Act of the Legis- approved March fifteenth, eighteen hunlature of the State of New Jersey, as dred and eighty-one.

through such streets of said township as may be designated by the Township Committee, and shall furnish and put up their Chairman and the Township Clerk.

Orange nave caused the Committee Common Sent of Said Municipal Corporation to be hereto affixed, and this contract to be signed by the Township Clerk.

Arrive Newark—6:23, 7:30, 8:10, 9:03, 10:08, 11:18 a.m. 1:08, 1:58, 3:57, 5:17, 6:38, 7:26, 8:37, 10:08, 11:22, 12:21 p.m.

Arrive New York—6:50, 8:00, 8:40, 9:30, 10:40, 11:50 ready for use double-nozzled fire hydrants | And the said Orange Water Company of the standard size and most approved have caused their Common Seal to be

- hydrants at an average of not over four hundred and twenty-two feet inquired. apart, at such points and places along the line of said pipes, at the average distance aforesaid, as may be designated by the Township Committee; and the said Don't you think she is nice?" Township shall accept and pay for supplying the same with water at the price my sister, but she thumps me pretty

inevitably come when the kind soil will additional pipes from time to time as may real tight till I count ten. There, I be hereinafter agreed on, along which knowed you could do it." fire hydrants may be placed at such to time agreed on between the Town-

SEC. IV The compensation to be water pollution. It is impossible to be made by said Township to said Company otherwise unless the stable, natural laws for providing and furnishing a full supcan be annulled and inevitable conse- ply of water in the said hydrants for the The young man didn't wait to see quences divorced from their efficient purpose of the extinguishment of fires, whether she would "duff up" or not. causes. Sooner or later the water sup- shall be sixty dollars per hydrant per annum, which shall be paid semi-annually as hereinafter provided.

SEC. V. The said Company shall premay have. Often they prove unexpected, lowed for such hydrant for the time dur-Wells, to afford the best water, should ing which such defective flow continues : greatest extent, or in the popular phrase, from any cause for which the township authorities are responsible, no deduction The question arises, What is to be done, shall be made or claimed by the Township

This system is further defective in this, vants, or employes, beyond reasonable that it will not prevent the contain ation which must come from the use of manure upon gardens and other cultivated land.

The second and best course to pursue

The second and the seco

houses, school houses, and police offices, and any other buildings used by the year equal to the amount of taxes, if any, year equal to the amount of taxes, if any, on the pipes and hydrants of said Company necessary and proper to their business, and their franchises in said Township; but the cost of making all such connections with the mains and of keeping them in repair shall be borne by the Township.

Township.

SEC. K. It is further agreed that the SEC. K. It is further agreed that the said Company will furnish the Township chants: "Si do you know a darky by the chants: "Si do you know a darky by the chants: every part of the body, all the great vital organs, the delicate cells of the brain and nerves, leaving no point untouched. As nerves, leaving no point untouched. As sey, That it shall be lawful for the city it goes to each organ and particle of the body it bears nourishment to supply the body of any municipal corporbody it bears nourishment to supply the ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided, however, that the carts shall take ation in this State, by whatever name vided in the carts at the company design. such governing body may be called, to it at such places as the Company desig- "Well, ter tell ye de flat-fooded, unsoenter into and make a contract and nate and under such regulations as they phisticated trufe, dar's one place whar agreement with any existing aqueduct may make from time to time; the Comporation for the purpose of extinguishing street sprinkling, or use it in a wasteful

> purposes as may be found necessary or SEC. XI. It is further agreed that said assessed as a tax upon the real and per- basis as those of the city of Newark; the wholly unknown;

favorable to the Township as those of

this contract.
SEC. XVI. This contract is made in It is hereby agreed between "The In- pursuance of an Act of the Legislature of

In Witness whereof, the Township

on the said first — miles of pipe line his sister's callers until she appeared. "Don't you come to see my sister?" he

Yes, Tommy, that's what I come for." "You like her a good deal, don't you?" "Of course, I admire her very much.

"Well, I reckon I have to, cause she's hereinafter agreed on.

SEC. III. The said Company shall lay open your mouth once. Now shut it

"Why, Tommy, who said I couldn't?" "Oh, nobody much, but sister."

"What did she say?" "Well, she said you hadn't sense enough to keep your mouth shut, and I bet her two big oranges you had; and you have, ain't you, and you'll make her duff up the oranges, won't you?"

Claimed an Offset.

THE Poughkeepsie Eagle says a "hired man" who had been employed on a farm in that county for several months entered suit against his employer the other day for the balance of wages, amounting, as he claimed, to thirty-two dollars. The suit came to trial, and it looked at first man. When the farmer took the stand, he said

dollars. No man need sue me for what I honestly owe." "What is your offset?" asked the law-

"He is an unbeliever." "In what ?"

"Why, in the Bible." "What has that to do with your owing

him thirty-two dollars. "It has a heap to do with it. I had six REPAIRING ATTENDED TO PROMPTLY. hands in my employ, and we were rushing things when I hired this man. He hadn't been with us two days when they stopped the reaper in the middle of the forenoon to dispute about Daniel in the lion's den, and in three days we had a regular knock-down over the whale swallowing Jonah. The man who ran the mower got arguing about Samson, and drove over a stump and damaged the machine to the tune of eighteen dollars, and the very next day my boy broke his leg while didn't believe Elijah was fed by ravens, and hang me if I didn't find myself growing weak on Noah and his flood. That's my offset, sir; and if he was worth anything, I'd sue hin for a thousand dollars be-

The court reserved decision.

College, to the mental philosophy class. Now, young gentlemen, can you tell me what an impression is?"

HERR BRETZEL (who has just had Township for public purposes, on the line telephone put up, calls for the repairer

Repairer—"Yes, sir." Herr B.—"Vell! py chiminetty, I dalk

not engaged. - Georgia Major.

tion, shall not exceed a sum equal to one dollar for each inhabitant of such municipal corporation, unless the proposition be approved by a majority of the legal voters in such municipal coporation at an ahnual or special election, to which the same may be submitted.

2. And be it enacted, That this act shall take effect immediately.

Approved March 15, 1881.

And it is further ordered that this order shall within twenty days hereafter be published in The Bloomfield of this State, and every published in the SEC. XV. This contract shall be valid and binding for the period of ten years from the first day of ——, A. D. eighten the same may be submitted.

Company agree that at the expiration of shall take effect immediately.

Approved March 15, 1881.

And it is further ordered that this order shall within twenty days hereafter be published in The Bloomfield in this State, and every days of the expiration of the time herein limited for pleading, and that within the same time a copy thereof be sent by mail with the postage prepaid to the said Hannah Cusick and George Saunders, directed to their post office address, if the same can be ascertained.

David A. Depue, Judge.

TIME TABLES, Carefully corrected up to date.

DEL., LACK & WESTERN RAILROAD. Barclay and Christopher Street Ferries. TO NEW YORK

SECTION I. The said Company shall Committee of said Township of East a.m. 12:56, 1:45, 3:45, 5:05, 6:15, 7:05, 8:20, 9:45, 11:10, through such streets of said township as

Arrive New York-6:50, 8:00, 8:40, 9:30, 10:40, 11:50 a.m. 1:40, 2:30, 4:30, 5:50, 7:10, 7:55, 9:10, 10:40, 11:55 p.m.

Arrive Montclair—6:56, 7:38, 8:26, 9:22, 10:29, 11:29 a.m. 1:29, 3:90, 4:29, 5:29, 6:20, 7:10, 8:05, 9:19, 10:55, 11:54 p.m. May 14, 1883. NEW YORK AND GREENWOOD LAKE R.R.

Chambers and 23d Street Ferries, New York. TO NEW YORK. Leave Upper Montclair—5:28, 6:57, 7:49, 8:48, 10:47 a.m. 1:26, 4:45, 5:16, 6:50, *9:58 p.m.

Leave Montelair-5:33, 7:02, 7:55, 8:53, 10:52 a.m. Leave Bloomfield—5:38, 7:06, 7:59, 8:57, 10:56 a.m. 1:40, 4:54, 5:30, 6:58, *10:08 p.m. Arrive New York-6:25, 7:50, 8:40, 9:40, 11:40 a.m. 2:25, 4:40, 5:40, 7:55, *10:55 p.m. Trains marked * will run Saturday nights only. Sunday trains from Montclair at 8:04 a.m. and DO NOT FORGET

FROM NEW YORK. Leave New York - 6:00, 8:30, 12:00 a.m. 3:40, 4:40, 5:40, 6:20, 8:00 p.m. Arrive Bloomfield - 6:49, 9:21 a.m. 12:43, 4:19, 5:21, Arrive Montelair—7:02, 9:25 a.m. 12:49; 4:24, 5:26, 6:26, 7:11, 8:46 p.m. Arrive Upper Montclair—7:06, 9:29 a.m. 12:53, 4:28, 5:30, 6:31, 7:16, 8:50 p.m. Also a Saturday train from New York at 12 m., for the accommodation of theatre-goers, arriving at Montelair at 12:52 a.m.

Sunday trains from New York at 8:45 a.m. and ROBERT M. BALL.

"I claim an offset for that thirty-two BLOOMFIELD, N. J.

P. O. Box 27.

Residence: Cor. Broad and Benson Sts.

739 BROAD ST., NEWARK, N. J.,

Art Stationers and Importers. LL THE NEW AND STANDARD BOOKS.

Fashionable Note-Paper. Stamping and Engraving.

VISITING CARDS AND INVITATIONS IN THE BEST STYLE.

Birthday Cards and

Imported Bric-a-Brac.

Township for public purposes, on the line of said mains, shall be furnished under the same regulations and control as those established by the Company for similar use by other consumers, for a sum each telephone put up, calls for the repairer how the repairer in Cherman?

Township for public purposes, on the line telephone put up, calls for the repairer in Look-a-here, my vrent, tidn't you dole me dot dellervone shbeak Cherman unt gonverse in Cherman?

The consumers of a sum each in Cherman in Cherman in the consumers of a sum each in Cherman i

AN IMMENSE STOCK AT LESS THAN NEW YORK PRICES.

H. B. Thistle, Successor to 761 Broad St., NEWARK, N. J.,

Manufacturers' Agent for First-class Fireworks,

HAS NOW READY the most complete stock of Fire Crackers, Torpedoes, Flags, Paper Caps, Blank Cartridges, Pistols, Balloons, Lanterns, Punk, etc. Reserve

agreement with any existing aqueduct board or water company for a year or term or terms of years, for the obtaining and furnishing of a supply of water to be used by and within such municipal corporation for the purpose of extinguishing street sprinkling, or use it in a wasteful poration for the purpose of extinguishing of the purpose of extinguishing or use it in a wasteful shown in this city, which will have an Immense Sale. By purchasing from us you can save at least 20 per cent.

H. B. THISTLE, 761 Broad St., Newark.



- HA! HA! HA!

BUY MY CLOTHING FROM

STOUTENBURGH & CO.,

NEWARK CLOTHIERS.

803 & 805 Broad Street, NEWARK, N. J.,

FOR THE FOLLOWING REASONS:

They carry the Best Assorted and Largest Stock in the State. They will not be Undersold by any Establishment in the Country. They have the Correct Style and Cut on all Garments.

They give the Best Goods for the Least Money.

They Buy from First Hands and Save all Profits; and last but not least, They sell at Low Prices, being satisfied that the Nimble Sixpence is better than the Slow Shilling.

GIVE THEM A CALL AT

Leave Montclair—6:03, 7:15, 7:55, 8:47, 0:52, 11:00 a.m.
12:50, 1:40, 3:40, 5:00, 6:10, 6:57, 8:15, 9:40, 11:05, 12:05
p.m.

Nos. 803 & 805 BROAD STREET,

NEWARK, N. J.

HUGH F. RANDOLPH,

59 Sheffield Street, Cor. M. & E. R. R. Ave., 119 First Street, Cor. Sussex Avenue,

NEWARK, N. J.

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Coal delivered in all parts of Bloomfield.

FACTS! A & B FACTS!! Spring Opening.

When you go to Newark that

Have opened a New First-class

449 BROAD STREET. NEAR D. L. & W. DEPOT.

Where you can find FIRST-CLASS GOODS AT A LESS PRICE than at any other shoe store in Newark.

449 Broad Street, Newark.

ALBERT & BAYLEY.

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Dry Goods

Black and Colored Silks.

Black and Colored Dress Goods, LADIES', MISSES', AND INFANTS' UNDERWEAR IN MUSLIN AND MERINO.

Corsets, Hosiery, Gloves, Ribbons, Linen Collars and Cuffs, Embroideries, Fichus, Laces, Jerseys in every style and quality.

FINE WHITE GOODS. Embroidered Robes in Swiss, very handsome.

logether with a complete line of Mulls, Nainsooks, and Jaconets. Domestic Department offers everything in the line of HOUSE FURNISHING GOODS.

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No. 73 MARKET ST., Bet. Washington and Plane Sts., OFFERS HIS ENTIRE STOCK AT THE FOLLOWING

REDUCTIONS:

100 PILCES BRUSSELS CARPET

25 Pieces Three-Ply Carpet as low per Yard as \$1.00. 150 Pieces Extra Super Carpet as low per Yard as 75 cents.

In Raw Silk, Plush, Rep, and Hair Cloth, as low as \$25. 100 MARBLE TOP WALNUT BED-

75 PARLOR SUITS.

ROOM SUITS, As Low as \$45. 50 ASH BEDROOM SUITS

200 ENAMEL BEDROOM SUITS

75 LOUNGES In Raw Silk, Rep, Carpet, Hair Cloth, and Enameled Cloth, as low as \$4.75.

75 EXTENSION TABLES, 200 YARDS OF OIL CLOTH, As Low per Yard as 30c. 50 HAIR MATTRESSES,

As Low as \$10. Also, an Immense Stock of EXCELSIOR, HUSK, AND STRAW

MATTRESSES.

PIER AND MANTEL GLASSES. Mirrors, China and Glassware, Wood and Willow Ware.

STOVES, CROCKERY, ETC., In fact, the largest and most complete variety of Household Goods in the State. Weekly pay-ments taken and no extra charge. GOODS DELIVERED FREE IN ANY PART OF THE STATE.

McKirgan Bros. & Luke, A. H. VAN HORN, 73 Market St., Newark, N. J.

under existing circumstances, to secure on account of the want of a full supply purposes? Two courses of action are open. The first may be called corrective. Sec. VI. If the Township Committee shall direct any hydrant once located as As the contamination of our wells arises from filth thrown upon the soil from houses and stables, a rigid system of sewage would be a more or less effective correction. All liquids from houses about the same shall always be accessible to the fire department, fire the same shall always be accessible to the fire department, fire the same shall always which was started over the children of Israel going through the Red Sea. It wasn't a week before my wife said she